

STAT5b Recombinant Monoclonal Antibody [BLR146J]

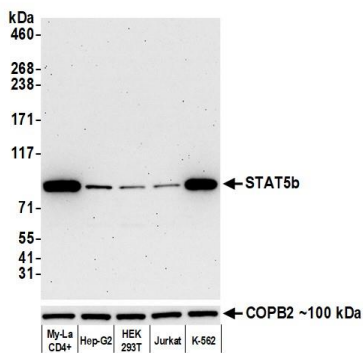
Rabbit Recombinant Monoclonal

Purified		Protein ID	NP_036580.2
Catalog No.	A700-146	GeneID	6777
Lot No.	A700-146-1		

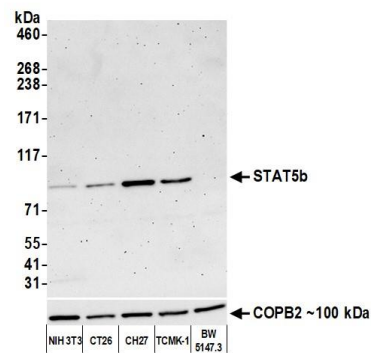


APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA Free
ISOTYPE	IgG
CLONE #	BLR146J
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 737 and the C-terminus (residue 787) of human Signal Transducer and Activator of Transcription 5B using the numbering given in entry NP_036580.2 (Gene ID 6777).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1,000 Immunoprecipitation 6 µl/1 mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
IHC HUMAN CONTROLS	Breast Carcinoma, Prostate Carcinoma, HDLM-2 Cells, K-562 Cells, MJ Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-146 Use the link above to view SDS, a current list of citations, and other product specific information.

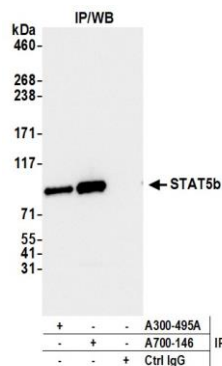
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: February 26, 2021



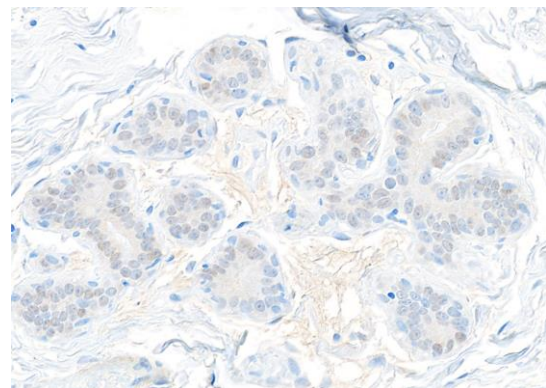
Detection of human STAT5b by western blot. *Samples:* Whole cell lysate (10 µg) from My-La CD4+, Hep-G2, HEK293T, Jurkat, and K-562 cells prepared using NETN lysis buffer. ***Antibody:*** Rabbit anti-STAT5b recombinant monoclonal antibody [BLR146J] (A700-146 lot 1) used at 1:1000. ***Secondary:*** HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



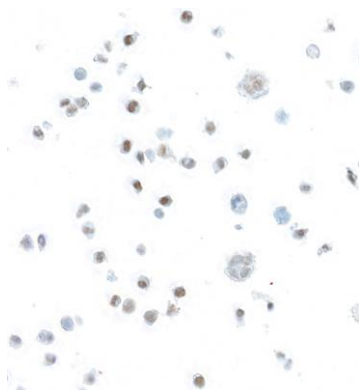
Detection of mouse STAT5b by western blot. *Samples:* Whole cell lysate (10 µg) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. ***Antibody:*** Rabbit anti-STAT5b recombinant monoclonal antibody [BLR146J] (A700-146 lot 1) used at 1:1000. ***Secondary:*** HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



Detection of human STAT5b by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from My-La CD4+ cells prepared using NETN lysis buffer. ***Antibodies:*** Rabbit anti-STAT5b recombinant monoclonal antibody [BLR146J] (A700-146 lot 1) used for IP at 6 µl per reaction. STAT5b was also immunoprecipitated by another rabbit anti-STAT5b antibody (A303-495A). For blotting immunoprecipitated STAT5b, A700-146 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.



Detection of human STAT5b in FFPE breast carcinoma by immunohistochemistry. *Antibody:* Rabbit anti-STAT5b recombinant monoclonal antibody [BLR146H] (A700-146 lot 1). ***Secondary:*** HRP-conjugated goat anti-rabbit IgG (A120-501P). ***Substrate:*** DAB.



Detection of human STAT5b in FFPE HDLM-2 cells by immunocytochemistry. *Antibody:* Rabbit anti-STAT5b recombinant monoclonal [BLR146H] (A700-146 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.